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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.	2002-IP-007848U1	
First Inventor	Larry S. Eoff, et al	
Title	Methods of Reducing	
Eynress Mail Lahel No.	ER276299293	

(Only for new nonprovisional applications under 37 CFR 1.53(b))

		Mail Stop Patent Application					
	APPLICATION ELEMENTS	ADDRESS TO: Commissioner for Patents P.O. Box 1450					
See MPEP	chapter 600 concerning utility patent application contents.	Alexandria VA 22313-1450					
2. Applic Applic See 3 Speci (prefer Desc Cross Cross Refer Or a 0 Back Brief Detai Clain Abstr  4. Drawi  5. Oath or Decai a. V Ne	ract of the Disclosure  ng(s) (35 U.S.C. 113) [Total Sheets]	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney  English Translation Document (if applicable)  Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment  Return Receipt Postcard (MPEP 503)					
i. 🗀	DELETION OF INVENTOR(S)	(Should be specifically itemized)  15. Certified Copy of Priority Document(s)					
	Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR	(if foreign priority is claimed)					
1.63(d)(2) and 1.33(b).		16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35					
6. Application Data Sheet. See 37 CFR 1.76		or its equivalent.  17. Other:					
		Express Mail Certificate					
specification fo	INUING APPLICATION, check appropriate box, and sullowing the title, or in an Application Data Sheet under	upply the requisite information below and in the first sentence of the 37 CFR 1.76:					
Conti	Continuation Divisional Continuation-in-part (CIP) of prior application No.:						
Prior application	information: Examiner	Art Unit:					
5b, is considere	d a part of the disclosure of the accompanying continuation	the prior application, from which an oath or declaration is supplied under Box on or divisional application and is hereby incorporated by reference.					
The incorporation	on <u>can only</u> be relled upon when a portion has been inadv 19. CORRESPO	ertently omitted from the submitted application parts.  NDENCE ADDRESS					
Custon	ner Number:	OR Correspondence address below					
Name	Robert A. Kent						
Address	ddress Halliburton Energy Services 2600 South 2nd Street						
City	Duncan	State OK Zip Code 73536-0440					
Country	USA	Telephone 580-251-3125 Fax 580-251-3917					
Name (Print/Ty	(pe) Robert-A. Kent	Registration No. (Attorney/Agent)   28,626					
Signature Tolur (a Konc Date 2-17-2003)							
This collection of		is required to obtain or retain a honofit by the public which is to file (and by the					

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

(Complete (if applicable))

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FEE	TR	AN	SMI	TTA	L
	for	FY	200	4	

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

SUBMITTED BY

Name (Print/Type)

Signature

Robert A. Kent

(\$)	2124	.00

spond to a collection of info	ormation unless it displays a valid Olvib control number
Co	omplete if Known
Application Number	
Filing Date	
First Named Inventor	Larry S. Eoff, et al
Examiner Name	
Art Unit	
Attorney Docket No.	2002-TP-007848II1

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)						
Check Credit card Money Other None		3. ADDITIONAL FEES							
Order Order		Large Entity   Small Entity							
Deposit Account		8-0300		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Number		5-0300 		1051	130	2051	65	Surcharge - late filing fee or oath	
Deposit Account Name				1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
	is authorized to	o: (check all that apply)		1053	130	1053	130	Non-English specification	
	e(s) indicated be		overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
		(s) or any underpayment of	of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
_	e(s) indicated be dentified deposit	elow, except for the filing t account.	fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
		ALCULATION		1251	110	2251	55	Extension for reply within first month	<u></u>
1. BASIC F		ALOGLATION		1252	420	2252	210	Extension for reply within second month	
Large Entity				1253	950	2253	475	Extension for reply within third month	
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description	Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770	2001 385	Utility filing fee	- <del>77</del> 0	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340	2002 170	Design filing fee	770	1401	330	2401	165	Notice of Appeal	
1003 530	2003 265	Plant filing fee	<del></del>	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770	2004 385	Reissue filing fee		1403	290	2403	145	Request for oral hearing	
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	s	SUBTOTAL (1) (\$) 7	770 00	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1453	1,330	2453	665	Petition to revive - unintentional			
Z. EXTRA	JLAIM FEE	S FOR UTILITY AND Fee fro	m	1501	1,330	2501	665	Utility issue fee (or reissue)	
Total Oleter	[62]	Extra Claims below		1502	480	2502	240	Design issue fee	
Total Claims 93 -20** = 73 x 18 = 1314   Independent 2 -3** = 0 x 86 = 0   Multiple Dependent = = = = = = = = = = = = = = = = = = =			1503	640	2503	320	Plant issue fee		
		<u> </u>	1460	130	1460	130	Petitions to the Commissioner		
		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Large Entity Fee Fee	Small Entity Fee Fee	Fee Description		1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$)	Code (\$)			8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1202 18 1201 86	2202 9 2201 43			1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290	2203 145	•		1810	770	2810	385	For each additional invention to be	
1204 86	2204 43		it claims	400:				examined (37 CFR 1.129(b))	
		over original patent		1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18	2205 9	** Reissue claims in ex and over original pate	cess of 20 ent	1802	900	1802	900	Request for expedited examination of a design application	
		Other	Other fee (specify)						
**or number		BTOTAL (2) (\$) d, if greater; For Reissues	1314.00	*Redu	ced by	Basic F	iling Fe	subtotal (3) (\$) 40.	00
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Registration No.

28,626

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Larry S. Eoff, et al

Application No.: /Unknown

Group No.: Unknown

Filed: Concurrently Herewith

Unknown Examiner:

For:

Methods of Reducing the Permeabilities of Horizontal Well

Bore Sections

**Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313-1450

## EXPRESS MAIL CERTIFICATE

"Express Mail" label number

ER276299293US

Date of Deposit.

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Specification with 34 pages Information Disclosure Statement with PTO-1449 Declaration Power of Attorney Statement Under 37 CFR 3.73(b) Assignment with Recordation Sheet Fee Transmittal Patent Application Transmittal

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is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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